



# Technical Data Sheet

Code **GEALBS3BAA-1PTM-ASE**

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## PRODUCT SPECIFICATIONS

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draft

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issue

Model **BLADE 5s HHXTM**

Description	WorkShop unit		
Arrangement	Silenced		
Series	BLADE <b>STANDARD PRODUCT</b>		
Air End frame	M 75		
Version	n.a.		
OIL cooling medium	Air		
AIR cooling medium	Air		
Modulation	Yes		
Decompression	Yes		
Receiver	ASME		
Inlet nominal pressure	ISO 1217	psi (a)	<b>14.5</b>
Inlet nominal temperature	ISO 1217	°F	<b>68</b>
Relative humidity	ISO 1217	%	<b>0</b>
Motor nominal speed	ISO 1217	rpm	<b>3600</b>
Nominal working pressure		psi (g)	<b>168 (HHX)</b>
Maximum working pressure		psi (g)	<b>175</b>
Nominal delivery	(1)	cfm	<b>22.7</b>
Terminals absorbed power	(2) (6)	kW	<b>6.60</b>
Terminals unload absorbed power		Kw	<b>1.87</b>
Noise level (max)	ISO 2151 - @1 mt	dBA	<b>62</b>
Oil carry over		ppm	<b>3</b>
Total heat recovery (up to ...)		%	<b>95</b>
Oil circuit capacity		gallons	<b>1</b>

### PERFORMANCES

psi (g)	73		87		100		116		131		145		160		175	
	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW
	-	-	-	-	-	-	23.24	4.60	23.08	5.16	22.93	5.71	22.77	6.27	-	-

### ELECTRICAL CHARACTERISTICS

Electric certification			CEI	
Starting type			Full-Voltage	
Voltage -- Frequency -- Phases	V / Hz / Ph		230/60/1	
Auxiliary circuit tension	V		110	
Nominal absorbed current	(6) A		32.0	
Minimum supply cables section (33 ft.)	AWG		10	

### MAIN MOTOR

Nominal power input	kW / HP		5 / 7.5	
Efficiency class			NEMA T	
Efficiency	%		82	
Poles			2	
Protection index	IP		55	
Insulation class			F	

### COOLING

Maximum ambient temperature	°F		104	
Minimum ambient temperature	°F		34	
Outlet AIR temperature	(5) °F		< 95	
OIL maximum temperature	°F		248	
OIL minimum temperature	°F		176	
Fan type			Axial	
Cooling AIR flow (minimum)	(3) cfm		-	
Cooling AIR flow (maximum)	(4) cfm		1001	
Heat Removal Oil and Aftercooler	(4) Btu/hr		22526	
Fan residual head (minimum)	(3) Pa		-	
Fan residual head (maximum)	(4) Pa		20	
Fan absorbed power (minimum)	(3) kW		-	
Fan absorbed power (maximum)	(4) kW		0.14	
WATER flow	gpm		-	
Water INLET temperature	°F		-	
Water OUTLET maximum temperature	°F		-	
Water minimum suggested pressure	psi (g)		-	
Thermal recoverable power	Kcal		-	

### DRYER

Refrigerant gas			-	
Dew point (pressure)	°F		-	
Absorbed power	kW		-	
Regeneration air percentage	%		-	
Supply: Voltage - frequency - phases	V / Hz / Ph		-	

### DIMENSIONS

AIR outlet connection			Rp 1/2"	
Condensate separator drain connection			-	
Condensate drain connection			10 mm (Male)	
Condensate DRYER drain connection			-	
Receiver condensate drain connection			Manual (Rp 3/8")	
INLET-OUTLET water connections			-	
Storage AIR receiver volume	gallons		80	
Width	inch		32.4	
Length	inch		63.0	
Height	inch		52.2	
Weight	lbs		793	

### NOTES

- (1) - According to ISO 1217 - Annex C (fixed speed) & Annex E (variable speed)
- (2) - Fan included (@ first speed if available) - Dryer input power excluded
- (3) - Fan @ lower speed (OPTIMA @ min speed)
- (4) - Fan @ faster speed (Optima : fan @50Hz)
- (5) - @ reference conditions
- (6) - OPTIMA @ 1500 rpm and 102 psi